

# Credit for Prior Learning Examination

## CMGT 222 – Architectural Drafting and CAD

### Course Description

CMGT 222 Architectural Drafting and CAD  
(3 credits)

Techniques and procedures used for manual and computerized drafting and detailing. Students are introduced to proper dimensioning, layering, and graphical presentations using architectural CAD including the production of 2 and 3 dimensional graphical representations of architectural and structural details.

### Exam Details

The exam covers the following:

#### Part 1 Sketching

- Line hierarchy
- Basic drafting/sketching techniques
- Fundamentals of dimensioning, leaders, and text

#### Part 2 Basic Autocad

- Units, Limits, angles, starting new drawing
- Basic drawing and modification functions
- Fundamentals of layering systems
- Fundamentals of text and dimensioning
- Fundamentals of Blocks and working with other drawings
- Fundamentals of Model and Paperspace
- **Review basic YouTube videos for Autocad Commands**

#### Part 2 Basic Revit

- Levels, Grids, and getting started
- Creation of Walls, Floors, and Roof Systems
- Schedules, Elevations, Sections, and Details
- Creating 2D drawings
- **Review basic YouTube videos for Revit Commands**



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